

Power Cost Memorandum Fuel Cost Update and Purchased Power Update

Date: December 3, 2020

Utility Name (Cert. No.) CITY OF ST. PAUL (339)	Utility File No. PC19-0315FFF	Date Filed: October 21, 2020
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PCE AMOUNT SUMMARY	Previously Approved PC19-0315EEE <u>Date Approved:</u> December 4, 2020	Staff Recommended Amount(s) and Effective Date PC19-0315FFF December 4, 2020
Class Rate		
Residential	\$0.2037	\$0.2037
Community Facility	\$0.2662	\$0.2667
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 3.4000	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	New Fuel Purchase Price: \$ 3.4000	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____	Updated _____	

Signed: _____

Brenda Cox

Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/3/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
McAlpine		<i>SM</i> SM		
Scott		<i>AGS</i> AGS		
Sullivan		<i>AS</i> AS		
Wilson		<i>JW</i> JW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF ST. PAUL

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
 BASED ON TEST YEAR ENDING DECEMBER 31, 2014
Fuel Cost Update and Purchased Power Update

	PC19-0315EEE	PC19-0315FFF
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	3,946,080	3,946,080
B. Total kWh Sold (Appendix 2)	3,529,079	3,529,079
C. Total Non-Fuel Costs (Appendix 2)	787,874	787,874
D. Non-Fuel Cost/kWh (C / B)	\$0.2233	\$0.2233
E. Total Fuel and Purchased Power Costs (Appendix 2)	929,027	930,505
F. Fuel and Purchased Power Costs/kWh (E/B)	\$0.2632	\$0.2637
G. Eligible Costs/kWh (D + F)	\$0.4865	\$0.4870
H. Eligible Cost/kWh (G) less base rate in effect	\$0.2802	\$0.2807
I. Lesser of (H) or 79.37 cents/kWh	\$0.2802	\$0.2807
J. Average Class Rates (Appendix 3)		
Residential	\$0.2037	\$0.2037
Community Facility	\$0.2737	\$0.2737
Lesser of: (I) x 95% or (J)		
K. Residential	\$0.2037	\$0.2037
Community Facility	\$0.2662	\$0.2667
Funding Level in Effect	100%	100%
L. Residential	\$0.2037	\$0.2037
Community Facility	\$0.2662	\$0.2667

PC19-0315FFF
 Appendix 1

CITY OF ST. PAUL

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY BASED ON TEST YEAR ENDING DECEMBER 31, 2014 Fuel Cost Update and Purchased Power Update

		PC19-0315EEE	PC19-0315FFF	
		Prior Commission Approval	Utility Request	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	291,428	291,428	291,428
B.	Operating Expense	92,502	92,502	92,502
C.	General & Administrative	56,881	56,881	56,881
D.	Depreciation	240,810	240,810	240,810
E.	Interest Expense	2,204	2,204	2,204
F.	Other (Describe)			
	Fin.Dept. 15% Allocation			
	Admin. Allocation Exp.	104,049	104,049	104,049
	Munic. Serv. 15% Allocation			
	Less Misc. Revenue	0	0	0
G.	Total Non-Fuel Costs	\$787,874	\$787,874	\$787,874
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	260,100	260,100	260,100
I.	Most Recent Price ⁽¹⁾	\$3.4000	\$3.4000	\$3.4000
		9/30/2020		
J.	Total Fuel Costs	\$884,340	\$884,340	\$884,340
K.	kWh Purchased during test year	399,349	399,349	399,349
L.	Cost per kWh	\$0.1119	\$0.1156	\$0.1156
M.	Total Purchased Power	\$44,687	\$46,165	\$46,165
N.	Total Cost of Fuel and Purchased Power	\$929,027	\$930,505	\$930,505
O.	kWh Generated	3,546,731	3,546,731	3,546,731
	kWh Purchased	399,349	399,349	399,349
	Total Generated and Purchased	3,946,080	3,946,080	3,946,080
P.	kWh Sales	3,529,079	3,529,079	3,529,079
Q.	kWh Station Service	181,542	181,542	181,542
R.	Efficiency (O/H)	≥	Standard	12.50
		13.64	13.64	13.64
S.	Line Loss	≤	12%	5.97%
		5.97%	5.97%	5.97%
(KWh Generated -(kWh sold+Station Service))/kWh Generated				

⁽¹⁾ Note: Utility is allowed 30 cents/gallon markup for storage and delivery above the City's invoiced price.

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Appendix 2

UTILITY NAME: **ST. PAUL MUNICIPAL ELECTRIC UTILITY**
CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: Residential

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.4100		0.4100	205.0000		
to						
to						
to						
Max 500			Total	205.0000	0.4100	0.2037


Rate Schedule: Community Facilities

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.4800		0.4800	240.0000		
to						
to						
to						
Max 500			Total	240.0000	0.4800	0.2737

Power Purchased from
 Tanadgusix Corporation
 3601 C Street, Suite 1000-10
 Anchorage, AK 99503

Date	kWh Purchased	Energy Charge	RCC	City Consumed	Total Bill
9/30/09	4,329	627.71	3.58	-1,571.76	-940.47
10/31/19	11,122	1,612.69	6.60	-522.74	1,096.55
12/4/19	16,355	2,371.48	9.70	-433.06	1,948.12
1/8/20	22,351	3,235.68	13.23	-393.53	2,855.38
2/11/20	57,206	8,294.87	33.92	-245.44	8,083.35
3/30/20	40,428	5,862.06	23.97	-175.23	5,710.80
3/30/20	26,977	3,911.67	16.00	-315.06	3,612.61
4/30/20	15,444	2,239.38	9.16	-389.40	1,859.14
5/31/20	5,758	834.91	3.41	-610.65	227.67
7/1/20	5,456	791.12	3.24	-567.58	226.78
8/31/20	1,538	223.01	0.91	-506.81	-282.89
9/30/20	2,998	434.71	1.78	-552.83	-116.34
Total	209,962	30,439.29	125.50	-6,284.09	24,280.70


Total kWhs purchased	209,962
Total paid	24,280.70
Cost per kWh	<u>0.1156</u>

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 Schedule BKC-1